

Title (en)  
TECHNIQUES FOR BEAM MANAGEMENT IN WIRELESS COMMUNICATIONS

Title (de)  
TECHNIKEN ZUR STRAHLVERWALTUNG IN DRAHTLOSEN KOMMUNIKATIONEN

Title (fr)  
TECHNIQUES DE GESTION DE FAISCEAUX DANS DES COMMUNICATIONS SANS FIL

Publication  
**EP 3689019 A4 20210616 (EN)**

Application  
**EP 18860674 A 20180913**

Priority  
• CN 2017104257 W 20170929  
• CN 2018105478 W 20180913

Abstract (en)  
[origin: WO2019062552A1] Aspects of the present disclosure describe managing beams in wireless communications. A beam management event configuration indicating a type of at least one beam to measure in determining occurrence of a trigger condition for a beam management event can be received. A parameter of a signal received from one or more nodes can be measured, where the signal corresponds to the type of the at least one beam. The occurrence of the trigger condition for the beam management event can be determined based on the parameter of the signal. An indication of the occurrence of the trigger condition can be reported to the one or more nodes or a different node.

IPC 8 full level  
**H04W 24/10** (2009.01); **H04B 7/06** (2006.01); **H04B 17/318** (2015.01); **H04B 17/336** (2015.01); **H04B 17/382** (2015.01); **H04L 5/00** (2006.01); **H04W 72/54** (2023.01)

CPC (source: EP KR US)  
**H04B 7/061** (2013.01 - KR); **H04B 7/0617** (2013.01 - EP); **H04B 7/0639** (2013.01 - KR); **H04B 17/318** (2013.01 - EP KR); **H04B 17/336** (2015.01 - EP); **H04B 17/382** (2013.01 - EP); **H04L 5/0051** (2013.01 - EP); **H04L 5/0053** (2013.01 - EP); **H04W 16/28** (2013.01 - KR); **H04W 24/10** (2013.01 - EP KR); **H04W 72/046** (2013.01 - US); **H04W 72/541** (2023.01 - US); **H04L 5/0023** (2013.01 - EP)

Citation (search report)  
• [X] QUALCOMM: "Beam management for NR", vol. RAN WG1, no. Spokane, USA; 20170403 - 20170407, 2 April 2017 (2017-04-02), XP051243709, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN1/Docs/> [retrieved on 20170402]  
• [X] SAMSUNG: "Remaining issues of NR RRM measurement configuration", vol. RAN WG2, no. Berlin, Germany; 20170821 - 20170825, 20 August 2017 (2017-08-20), XP051319389, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN2/Docs/> [retrieved on 20170820]  
• [X] SONY: "RRM Measurements open issues", vol. RAN WG2, no. Hangzhou, China; 20170515 - 20170519, 14 May 2017 (2017-05-14), XP051275349, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN2/Docs/> [retrieved on 20170514]  
• See also references of WO 2019062552A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2019062552 A1 20190404**; BR 112020005955 A2 20201006; CA 3073784 A1 20190404; CN 111108767 A 20200505; CN 111108767 B 20230317; EP 3689019 A1 20200805; EP 3689019 A4 20210616; JP 2020535757 A 20201203; JP 2024038126 A 20240319; JP 7467333 B2 20240415; KR 20200062201 A 20200603; TW 201921985 A 20190601; US 12047929 B2 20240723; US 2020367223 A1 20201119; WO 2019061253 A1 20190404

DOCDB simple family (application)  
**CN 2018105478 W 20180913**; BR 112020005955 A 20180913; CA 3073784 A 20180913; CN 2017104257 W 20170929; CN 201880061741 A 20180913; EP 18860674 A 20180913; JP 2020517941 A 20180913; JP 2023219417 A 20231226; KR 20207008518 A 20180913; TW 107134061 A 20180927; US 201816643414 A 20180913